



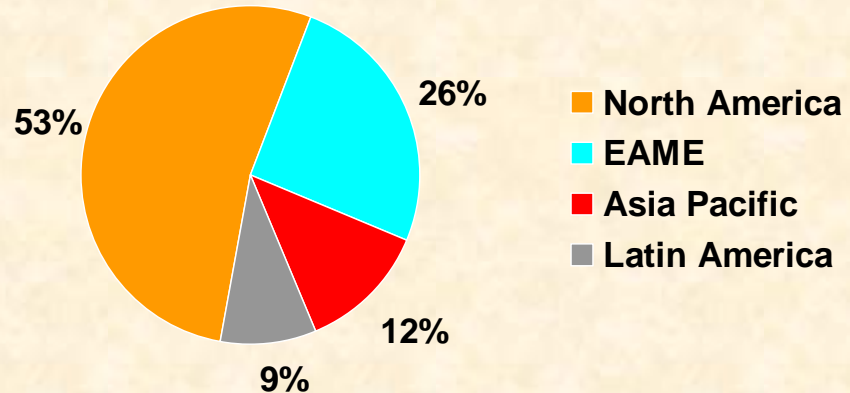
A Caterpillar Company

Caterpillar Overview



TODAY'S WORK. TOMORROW'S WORLD.™

- Broadest footprint in the industry
- About 80,000 Employees
- ~270 Facilities
- In 40 countries / 6 continents
- US exports over \$10 Billion



Caterpillar Dealers

- 182 Cat dealers
- 3,000+ branches & rental stores
- Over 100,000 employees

We are the world's leading manufacturer of construction and mining equipment, diesel and natural gas engines and industrial gas turbines.

Diversified Services

Acquired by CAT in
July 2006

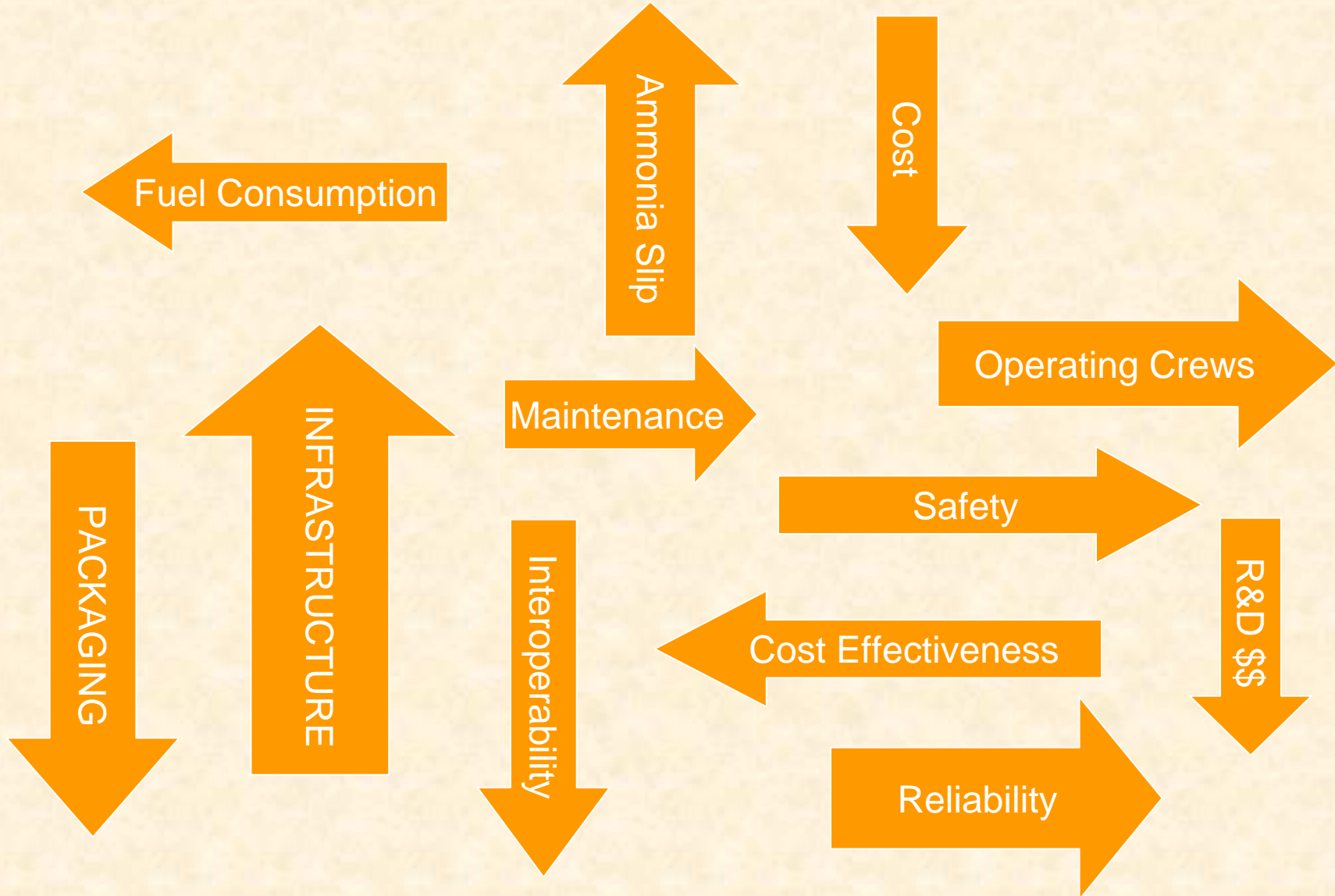


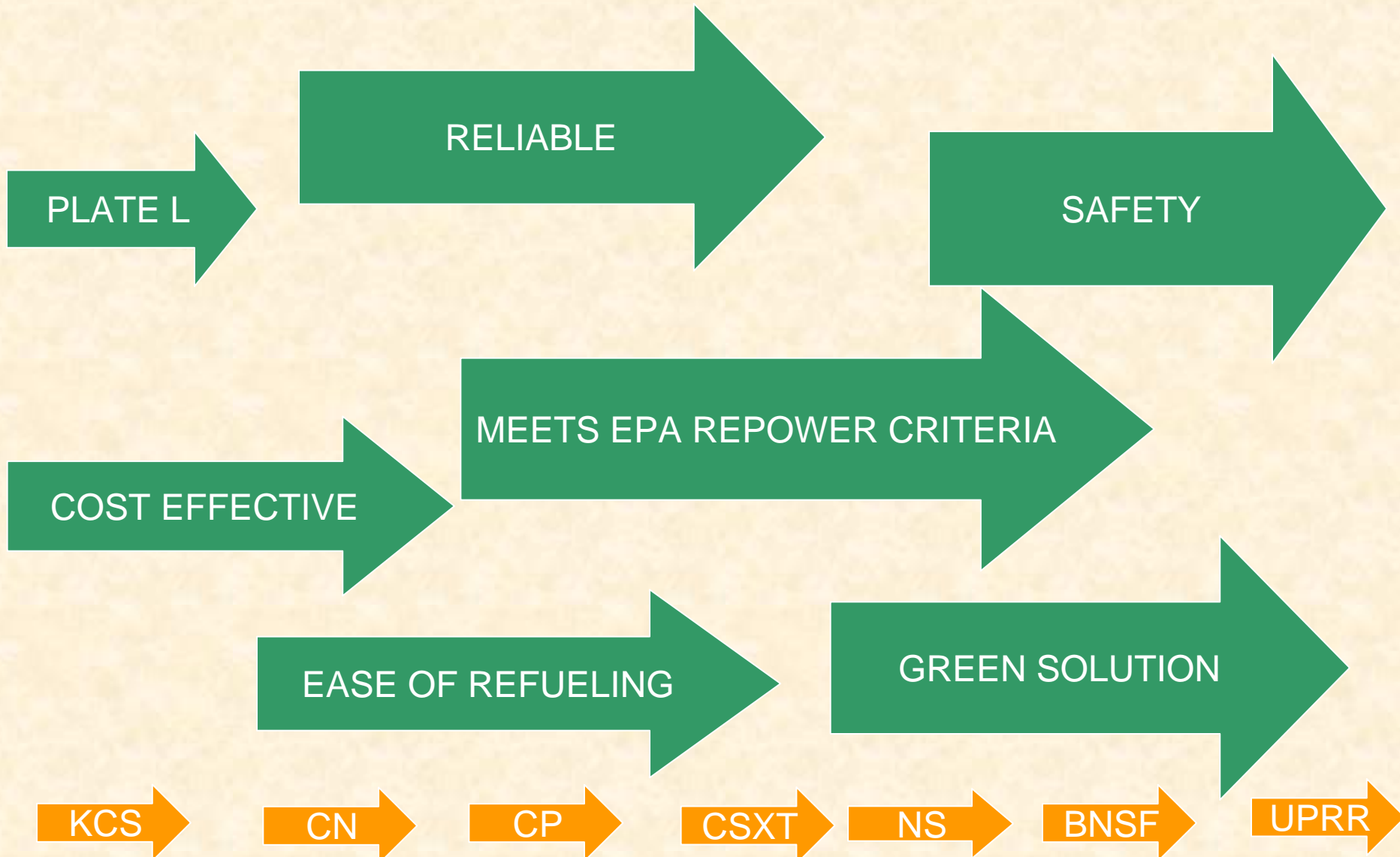
Progress Rail Services

- Recycle 2.5 B pounds steel / year
- 28 States, Canada, Mexico, Brazil
- 110 + Locations
- 4500 + Employees



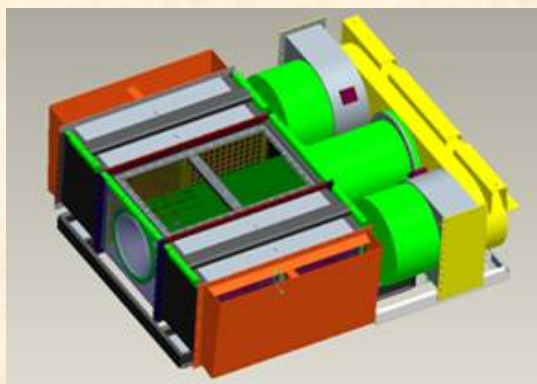
Our Mission:
To be the best railroad products and services company in the world







SCR Development Update



Selective Catalytic Reduction
6200 HP (3616) Diesel Generator
Geneseo, Illinois Municipal Utility



View from Inside



View from Outside



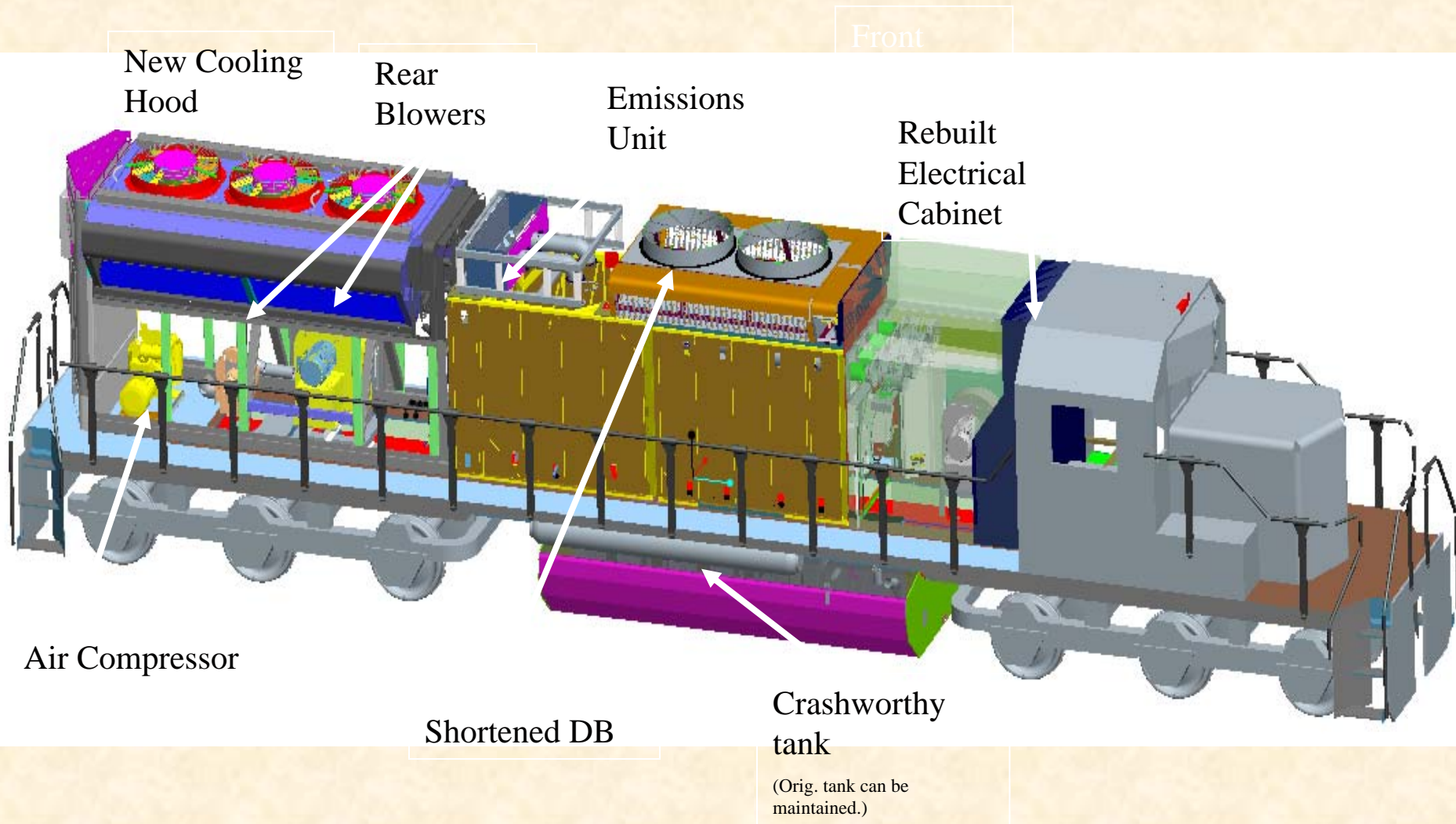
SCR System for Power Module w/ 3516 rated at 2000 kWe





SD40 System Installation

Some door removed for clarity



- Removed PR lab component SCR upon completion of controls work
- Instrumented and installed lab system SCR for validation



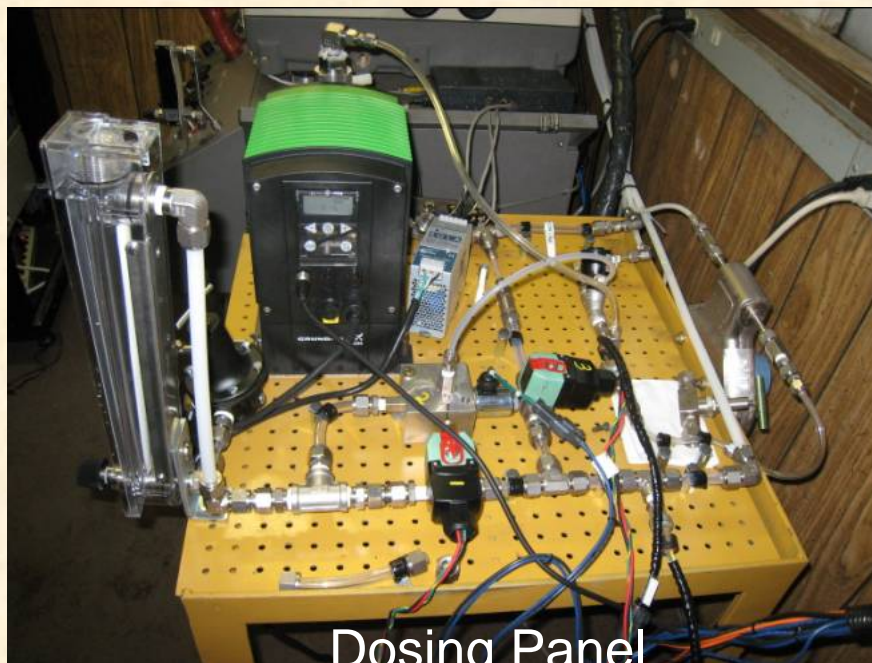


3516 Engine with 2 Megawatt Generator at the SWRI Rail Facility





SCR Module



Dosing Panel

Trade Secrets, Proprietary and/or Company Confidential Information Subject to Protection Under 40 C.F.R. 2.203(b) and applicable California law.



SCR Carbody Framework





FINDING THE MOST COST EFFECTIVE SOLUTIONS





COST EFFECTIVENESS

Note: actual numbers are subject to variation

| | CAT 3516 3005 HP with SCR | CAT C-18 ULEL GENSET Line Haul | Typical Hi Horsepower 4400 road |
|--|--|---|--|
| Emissions Total Cost Effectiveness \$/TON | \$813 | \$1,046 | \$1,574 |
| Emissions Total Cost Effectiveness \$/LB | \$0.41 | \$0.52 | \$0.79 |
| | | | |

Total Emissions = NOx, PM, CO, & HC



Field Test Begins June 15th



THANK YOU